

1 **CLAIMS**

2 We claim:

3 1. A method of aggregate ordering comprising the steps of:
4 scanning at least one machine readable code with a
5 scanner;
6 transmitting said scanned machine readable code to a
7 computer;
8 creating a shopping list for each vendor by assigning
9 each of said machine readable codes to a vendor
10 based upon a predetermined preference stored in
11 said computer;
12 transmitting said shopping lists to the appropriate e-
13 commerce website operated by said vendor; and
14 completing the aggregate ordering by placing the order
15 using each of said e-commerce websites.

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17 2. A method of aggregate ordering according to Claim 1,
18 wherein said machine readable code is a barcode.

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20 3. A method of aggregate ordering according to Claim 1,
21 wherein said machine readable code is a RFID tag.

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23 4. A method of aggregate ordering according to Claim 2,
24 wherein said barcode is constructed from at least one of

1 the standardized barcode symbology libraries consisting of
2 the group of UPC-A, UC-E, ISBN, RSS-14, RSS-14E, RSS-14L,
3 Interleaved 2 of 5, EAN/JAN-8, EAN/JAN-13, Code 3, Code 39
4 Full ASCII, Code 128, PDF417, QR Code, or Data Matrix.

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6 5. A method of aggregate ordering according to Claim 1,
7 wherein said step of creating shopping lists comprises the
8 steps of:

9 searching a first preferred vendor database for the

10 first scanned machine readable code;

11 adding said machine readable code to a first shopping

12 list if said machine readable code is found in

13 said first database;

14 adding all other machine readable codes found in said

15 first preferred vendor database to said first

16 shopping list; and

17 creating additional shopping lists using additional

18 preferred vendor databases until each machine

19 readable code has been added to a shopping list.

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21 6. A method of aggregate ordering according to Claim 1,

22 wherein said scanner is a laser-based barcode scanner.

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1 7. A method of aggregate ordering according to Claim 1,
2 wherein said scanner utilizes optical recognition
3 techniques.

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5 8. A method of aggregate ordering according to Claim 1,
6 wherein said scanner is a RFID scanner.

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8 9. A system for aggregate ordering comprising:

9 at least one machine readable code;

10 a scanner capable of scanning said machine readable
11 code;

12 a computer for connecting to said scanner to upload
13 said scanned machine readable codes;

14 a software application located on said computer which
15 creates a shopping list for each vendor by
16 assigning each of said machine readable codes to
17 a vendor based upon a predetermined preference
18 stored in said computer, transmits said shopping
19 lists to the appropriate e-commerce website
20 operated by said vendor, and completes the
21 aggregate ordering by placing the order using
22 each of said e-commerce websites.

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1 10. A system for aggregate ordering according to Claim 9,
2 wherein said machine readable code is a barcode.

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4 11. A system for aggregate ordering according to Claim 9,
5 wherein said machine readable code is a RFID tag.

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7 12. A system for aggregate ordering according to Claim 10,
8 wherein said barcode is constructed from at least one of
9 the standardized barcode symbology libraries consisting of
10 the group of UPC-A, UC-E, ISBN, RSS-14, RSS-14E, RSS-14L,
11 Interleaved 2 of 5, EAN/JAN-8, EAN/JAN-13, Code 3, Code 39
12 Full ASCII, Code 128, PDF417, QR Code, or Data Matrix.

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14 13. A system for aggregate ordering according to Claim 9,
15 wherein said scanner is a laser-based barcode scanner.

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17 14. A system for aggregate ordering according to Claim 9,
18 wherein said scanner utilizes optical recognition
19 techniques.

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21 15. A system for aggregate ordering according to Claim 9,
22 wherein said scanner is a RFID scanner.